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CHECKLIST OF PLANTS

CARRIZO PLAIN NATURAL AREA

San Luis Obispo County, California

Compiled by George Butterworth and Ann Chadwick. 1995

QK
149
.C37
1994
c.2

The Carrizo Plain Natural Area encompasses approximately 350 square miles, and includes parts of the Temblor and Caliente Mountains and the valley plain between. Soda Lake occurs in the lowest area, at about 2000 feet elevation. Within the CPNA are found important alkali sink habitat, the largest remnant of San Joaquin Valley grasslands, and many rare plants and animals. In good rain years wildflower displays can be spectacular. Average rainfall is 8-10 inches.

This list shows the vascular plants that have been recorded here.

39.07

KEY

sp	=	species	*	=	sensitive species
ssp	=	subspecies	ro	=	ranch ornamental
v	=	variety			

COMMUNITIES An C = common or occasional; x = scarce or rare.

SINK = alkali (valley) sink scrub. A low shrubland dominated by iodine bush and non-native grasses. Found at the edge of Soda Lake.

SALT = saltbush scrub (valley). An open chenopod scrubland dominated by scattered saltbush and non-native grasses. Upland from the alkali sink community.

GRAS = grassland. Non-native annual grassland, sparse to fairly dense, dominated by bromes, filaree, and schismus. Found mainly in the central area.

DES = semi-desert scrub (upper Sonoran sub-shrub scrub). A low drought-tolerant shrubland dominated by ephedra, golden bush, and non-native grasses. Located in the Elkhorn Plain and the lower elevations of the Caliente Mountains.

JUN = juniper woodland (cismontane). A fairly open to dense woodland characterized by scattered junipers, low shrubs, and non-native grasses. Higher elevations of the Temblor and Caliente Mountains.

OAK = oak-juniper woodland. A compact woodland dominated by junipers and blue oaks. Highest parts of the Temblor and Caliente Ranges.

SEEP = moist soils at seeps and springs; riparian.

FORM indicates growth form or habit.

a	=	annual	s	=	shrub, woody
h	=	herb, annual	t	=	tree
p	=	perennial	v	=	vine

-959060243 ID880721S4 QIC 149 .C37 1994 c.2

LOCATION C = common or occasional, x = scarce or rare.

SODA	=	Soda Lake
CENT	=	central (e.g. Elkhorn scarp to base of western foothills)
WEST	=	westside foothills of the Caliente Range
MTN	=	Caliente Mountain. An extended area, especiallly east and west; not limited to the peak
ELK	=	Elkhorn Plain
TEMB	=	Temblor Range (the southwest side up to the summit)

FLOWER

MO = flowering months (general; this can vary)
1 = January, 2 = February, etc.

COL = flower color

b	=	blue	r	=	red
o	=	orange	w	=	white
n	=	brown	y	=	yellow
p	=	pink through purple			

NAT -- whether or not the plant is native.
n = native, i = introduced

REF = reference.

c	=	Chadwick, Ann, personal communication
h	=	Hoover, R. F., The Vascular Plants of San Luis Obispo County, U. C. Press, Berkeley, 1970
j	=	Johna Cochran , personal communication
k	=	Kakiba-Russell, K., and E. Hubert, "CPNA, a Checklist of Vascular Plants," and (with L. Spiegel) CPNA Biological Resources Inventory: Sensitive Species Accounts, Appendix 4. BLM, CEC (California Energy Commission), DFG, TNC, 1991
l	=	Lewis, Russ, Bureau of Land Management, personal communication.
m	=	MacLeod, Dr. M., and C. Cunningham, personal commuication
n	=	Nature Conservancy herbarium specimen
r	=	McCormick, Randi, personal communication
s	=	Schiffman, P. Specimens at CSU Northridge
t	=	Twisselman, E. C., "A Flora of the Temblor Range...," The Wassmann Journal of Biology v. 14 #2, 1956
v	=	van de Hoek, R., "CPNA Floristic Checklist," 1990
w	=	Woods, C., "An Inventory of the Terrestrial Vertebrates, Appendix A," thesis, 1982

Other references:

Hickman, J., The Jepson Manual, UC Press, Berk., 1993.
Munz & Keck, A California Flora, UC Press, L.A., 1959.

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Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
• **MARSILEACEAE**	• **MARSILEA FAMILY**
Pilularia americana	pillwort
• **PTERIDACEAE**	• **BRAKE FAMILY**
Adiantum jordanii	California maiden-hair
Pellaea mucronata	bird's-foot fern
• **CUPRESSACEAE**	• **CYPRESS FAMILY**
Cupressus arizonica[ro]	Arizona cypress
Cupressus macrocarpa[ro]	Monterey cypress
Juniperus californica	California juniper
• **EPHEDRACEAE**	• **EPHEDRA FAMILY**
Ephedra californica	desert tea
Ephedra viridis	green ephedra
• **PINACEAE**	• **PINE FAMILY**
Pinus monophylla	singleleaf pinyon
• **AMARANTHACEAE**	• **PIGWEED FAMILY**
Amaranthus albus	tumbleweed
• **ANACARDIACEAE**	• **SUMAC FAMILY**
Schinus molle[ro]	Peruvian pepper tree
Toxicodendron diversilobum	western poison oak
• **APIACEAE**	• **CARROT FAMILY**
*Eryngium spinosepalum**	spiny-sepaled button-celery. rare
Lomatium caruifolium	biscuitroot
Lomatium mohavense	
Lomatium utriculatum	wild parsley
Perideridea pringlei	Pringle's yampah

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
x						x								4		n	h
																n	v
						x								12-6		n	k
							t									i	v
							t									i	v
		x	C	C	C		s		x	C	C	C	C	1-3		n	t
		x	C	C			s			C		C		4-8		n	t
				x	x		s			x	x			4-6		n	t
					x		t				x					n	h
		x					h		x					6-10		i	t
							t									i	v
				x	x		s				x			3-5	y	n	j
		x					h	x						6-8	w	n	h
		x					h		x					3-4	y	n	t
							h				x					n	h
	x	C					h		C	C		C		2-6	y	n	t
							p				x					n	h

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SCIENTIFIC NAME	COMMON NAME
• **ASCLEPIADACEAE**	• **MILKWEED FAMILY**
Asclepias erosa	desert milkweed
Asclepias fascicularis	narrow-leaf milkweed
• **ASTERACEAE**	• **SUNFLOWER FAMILY**
Achillea millefolium	yarrow
Achyrachaena mollis	blow-wives
Agoseris retrorsa	
Ambrosia acanthicarpa	annual bur-sage
Ancistrocarphus filagineus (*Stylocline f.*)	woolly fishhooks
Anisocoma acaulis	
Artemisia californica	California sagebrush
Artemisia douglasiana	mugwort
Aster sp.	purple aster
Baccharis salicifolia	mule fat
Blennosperma nanum	
Blepharizonia plumosa	big tarweed
Brickellia nevinii	Nevin's brickellbush. uncommon
Centaurea melitensis	tocalote
Centaurea solstitialis	yellow star-thistle
Chaenactis fremontii	desert pincushion
Chaenactis glabriuscula v *glabriuscula*	yellow pincushion
Chaenactis stevioides	desert pincushion
Chaenactis xantiana	pincushion
Chamomilla occidentalis	

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
		x					h		x					5	w	n	h
		x					h		x					6-8	w	n	t
		x					h		x			x		6-9	w	n	t
		x					h		x			x		3-4	y	n	t
		x					p		x			x		4-6	y	n	h
		x					h		x					9-10		n	k
							h							4-5		n	n
							h				x					n	h
			C	C	x		s			C				9-10		n	t
						x	p							7-10		n	v
		x					h			x			x	4-9	p	n	t
		x				x	s		x					most	w	n	c
x	x						h	x						3-4	y	n	t
		x					h						x	9-11	w	n	t
							s				x					n	h
		C					h		C					5-6	y	i	t
		x					h		x					5-10	y	i	t
			x				h		x			x		3-5	w	n	h
		x	C	x			h			C		C		2-7	y	n	t
			x				h					x		6	w	n	h
							h				x			4-6		n	h
x							h	x								n	h

Checklist of Plants

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SCIENTIFIC NAME	COMMON NAME
Chamomilla suaveolens (*Matricaria matricarioides*)	pineapple weed
Chrysothamnus nauseosus ssp *mohavensis*	rubber rabbitbrush
Cirsium sp.	thistle
Conyza coulteri	horseweed
Coreopsis bigelovii	tickseed
Coreopsis calliopsidea	tickseed
Eastwoodia elegans	yellow mock aster
Encelia actoni	encelia
Ericameria cuneata	wedge-leafed goldenbush
Ericameria linearifolia	interior goldenbush (linear-leaved g.)
Eriophyllum confertifolium	golden yarrow
Eriophyllum pringlei	woolly sunflower
Filago gallica	herbia impia
Gnaphalium luteo-album	everlasting
Gutierrezia californica (*G. bracteata*)	Calif. matchweed, snakeweed
Hazardia stenolepis	sawtooth goldenbush
Helianthus annuus	sunflower
Hemizonia fitchii	tarplant, spikeweed
*Hemizonia pallida**	Kern tarplant. uncommon
Hemizonia pentactis	Salinas River tarplant
Hemizonia pungens	common spikeweed
Hymenoclea salsola	burrobush, cheesebush
Isocoma acradenia v *bracteosa*	alkali goldenbush
Lactuca serriola	prickly lettuce

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
C	C	x					h	C	x					3-6	y	i	t
			C	C	x		s			C				9-11	y	n	t
			x				h						x	5-9	r	n	t
		x					h		x					9-11		n	t
		x					h		x					4-6	y	n	t
		x					h		x					3-5	y	n	t
			C	C			s			C		C	C	6	y	n	t
			x				s				x			2-7	y	n	k
			x	x			s			x			x	10-1	y	n	h
			C	C	C		s			C		C		3-6	y	n	t
			C	C	x		s			C	C	x	C	2-7	y	n	t
							h						x			n	h
							h							4-6		i	n
						x	h							3-10	w	i	k
		C	C	C			s			C		C		7-10	y	n	t
				x	x		s				x		x	11	y	n	h
		C					h		C					7-10	y	n	t
		x					h		x					5-11	y	n	h
		x	x				h			x		x		6-9	y	n	t
		x					h		x					5-10	y	n	h
		C					h		C					6-9	y	n	t
			C				s			C		C	C	4-6	w	n	t
C	C	C	C				s	C	x	C		C		8-11	y	n	t
		C					h		C					5-9	y	i	t

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SCIENTIFIC NAME	COMMON NAME
Lagophylla ramosissima	common hareleaf
Lasthenia californica (*L. chrysotoma*)	goldfields
Lasthenia debilis	goldfields
Lasthenia ferrisiae	goldfields
Lasthenia fremontii	goldfields
Lasthenia minor	goldfields
Layia glandulosa	
*Layia heterotricha**	pale-yellow layia. rare
*Layia munzii**	Munz's tidy tips. uncommon
Layia pentachaeta ssp *albida*	tidy tips
Layia platyglossa	tidy tips
*Lembertia congdonii**	San Joaquin woolly threads Listed endangered (U.S.)
Lepidospartum squamatum	scale-broom
Lessingia filaginifolia (*Corethrogyne f.*)	California aster
Lessingia glandulifera (*L. germanorum*)	
Lessingia lemmonii v *lemmonii*	
Lessingia tenuis	spring lessingia
Madia elegans	common madia
Malacothrix californica	wild marigold
Malacothrix coulteri	snake's-head
Malacothrix glabrata	desert dandelion
Microseris campestris	
Microseris douglasii	Douglas's microseris

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
		C	C	x			h		C	C		C		5-10	y	n	t
C	C	C	C	C			h	C	C	C		C		3-5	y	n	h
x	x						h	x	x					3-5	y	n	h
x	x						h	x						2-6	y	n	h
x	x						h	x						3-5	y	n	h
		x					h		x					3-4	y	n	h
					x		h				x			4-5	y	n	h
							h							3-6	w	n	h
C	C	x					h	C	x					3-4	y	n	t
x	x	x					h	x	x					3-4	y	n	t
C	C	x					h	C	x					2-6	y	n	t
		C	x				h		C	x		C		2-4	y	n	t
			C	C			s			C			x	8-10	y	n	t
			C	x			s			C		x	C	5-8	py	n	t
		C					h		C	x				5-11	y	n	h
							h				x					n	h
		x					h		x					5-7	y	n	h
		x					h		x					5-6	y	n	h
		x					h		x					4-6	y	n	t
	x	C	C				h		x	C		C		3-5	y	n	t
		x	x				h			x				4-5	y	n	t
		x					h					x		4-5	wy	n	t
		x					h					x		3-6	wy	n	t

Checklist of Plants

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SCIENTIFIC NAME	COMMON NAME
Microseris elegans	
Monolopia lanceolata	hillside daisy
Monolopia stricta	woolly hilltop daisy
Pentachaeta fragilis	
Psilocarphus sp.	woolly marbles
Psilocarphus brevissimus	woolly marbles
Senecio flaccidus v *douglasii*	bush groundsel
Senecio vulgaris	common groundsel
Sonchus oleraceus	common sow thistle
Stebbinsoseris heterocarpa	
Stephanomeria exigua ssp *coronaria*	small wire lettuce
Stephanomeria pauciflora	wire lettuce
Stylocline gnaphaloides	everlasting nest straw
Uropappus lindleyi	silver puffs
Canthium strumarium	cocklebur
• **BORAGINACEAE**	• **BORAGE FAMILY**
Amsinckia douglasiana	fiddleneck
Amsinckia lycopsoides	fiddleneck
Amsinckia menziesii v *intermedia*	rancher's fireweed
Amsinckia menziesii v *menziesii*	rancher's fireweed
Amsinckia tessellata	devil's lettuce
Amsinckia vernicosa v *furcata**	forked fiddleneck. rare
Cryptantha barbigera	
Cryptantha circumscissa	

COMMUNITY							FORM	LOCATION						FLOWER		NAT	REF
SINK	SALT	GRAS	DES	JUN	OAK	SEEP		SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL		
		x					h		x					3-5	y	n	t
	C	C	C	x			h	C	C	C	C	C	C	3-5	y	n	t
x	x	x					h			x			x	3-4	y	n	t
							h				x					n	h
x	x						h	x						3-6	w	n	t
x	x						h	x						3-4	w	n	h
			x				s			x				2-11	y	n	t
			x				h			x				all	y	i	t
		x					h		x					all	y	i	t
							h							3-5	wy	n	t
			C	x			h			x	C	C	C	8-10	p	n	t
			x				p					x		7-9	p	n	t
		x					h						x	3-6	w	n	t
		x					h					x		3-5	w	n	h
		x					h					x		7-10		n	t
			C	C			h			C		C	C	5-6	y	n	t
		x					h		x					3-6	y	n	h
	x	C	C	C			h	x	C	C				3-5	o	n	t
		x					h		x					3-5	y	n	t
			x				h						x	3-5	y	n	t
			x				h				x	x		3-5	o	n	h
		x					h					x		4-6	w	n	h
							h					x				n	h

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SCIENTIFIC NAME	COMMON NAME
Cryptantha clokeyi	Clokey's cryptantha
Cryptantha flaccida	flaccid cryptantha
Cryptantha intermedia	common cryptantha
Cryptantha muricata	
Cryptantha nemaclada	
Cryptantha pterocarya	
Heliotropium curassavicum	heliotrope
Pectocarya penicillata	winged pectocarya
Pectocarya setosa	bristly pectocarya
Plagiobothrys acanthocarpus	adobe allocarya
Plagiobothrys arizonicus	Arizona popcorn flower
Plagiobothrys canescens	valley popcorn flower
Plagiobothrys leptocladus	alkali plagiobothrys
Plagiobothrys nothofulvus	popcorn flower
• **BRASSICACEAE**	• **MUSTARD FAMILY**
Arabis pulchra	desert rock cress
Athysanus pusillus	
Brassica nigra	black mustard
Capsella bursa-pastoris	shepherd's purse
*Caulanthus californicus**	Calif. jewelflower. Listed endangered (Calif. and U.S.)
Caulanthus coulteri	jewelflower
Caulanthus inflatus	desert candle
Descurainia pinnata	western tansy mustard
Descurainia sophia	tansy mustard

COMMUNITY							FORM	LOCATION						FLOWER		NAT	REF
SINK	SALT	GRAS	DES	JUN	OAK	SEEP		SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL		
			x				h				x			2-8	w	n	h
			x				h			x			x	5	w	n	h
			x				h			x			x	4-7	w	n	t
							h				x					n	h
							h									n	h
							h							3-6		n	k
x	x	x	x				h	x	x	x		x		3-10	w	n	t
x	C	C	C	C			h	C	C	C		C	C	4	w	n	t
			x				h						x	4	w	n	t
		x					h		x					4	w	n	t
	C	C	C				h		x	C		C	C	3-6	w	n	t
		x					h		x					2-6	w	n	t
x	x						h	x						3-6	w	n	h
		x					p		x					2-6	w	n	k
			x				p				x			4-6	p	n	h
			x				h						x	2-4	w	n	t
		x					h		x					4-6	y	i	t
	x	x					h	x	x			x		all	w	i	t
		x	x				h			x				2-4	p	n	t
							h						x			n	h
		x					h		x					4-5	p	n	t
		x					h		x					3-7	y	n	t
		x					h		x					5-8	y	i	t

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SCIENTIFIC NAME	COMMON NAME
Erysimum capitatum	western wallflower
Guillenia lasiophylla (Thelypodium l.)	California mustard
Guillenia lemmonii (Thelypodium l.)	Lemmon's mustard
Heterodraba unilateralis	hairy fringe-pod
Hirschfeldia incana	winter mustard
Hutchinsia procumbens	meadow mustard
Lepidium dictyotum	alkali peppergrass
Lepidium dictyotum v *acutidens*	sharp-toothed peppergrass
*Lepidium jaredii**	Jared's peppergrass. rare
Lepidium lasiocarpum v *lasiocarpum*	peppergrass
Lepidium nitidum	common peppergrass
Sinapis arvensis (Brassica kaber)	charlock
Sisymbrium altissimum	tumble mustard
Sisymbrium irio	London rocket
Stanleya pinnata	Prince's plume
Thysanocarpus curvipes	fringepod, lacepod
Tropidocarpum gracile	slender tropidocarpum
• **CALLITRICHACEAE**	• **WATER-STARWORT FAMILY**
Callitriche marginata	water starwort
• **CAMPANULACEAE**	• **BELLFLOWER FAMILY**
Parishella californica	
• **CAPPARACEAE**	• **CAPER FAMILY**
Isomeris arborea	bladderpod

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
		x					h		x					3-7	o	n	c
			x				h						x	2-6	w	n	t
		x					h		x					3-6	p	n	h
			x				h						x	3-4	w	n	t
		x					h		x					5-10	y	i	t
x	x		x				h	x						3-4	w	n	t
C	C	C					h	C	C	C		C		4-5	w	n	t
x	x						h	x						3-5	w	n	t
C	C	x					h	C	x	x				4-5	y	n	t
		x					h		x					2-3	w	n	h
C	C	C	C	C			h	C	C	C		C		2-4	w	n	t
		x					h		x					3-10	y	i	t
		x					h		x					5-6	y	i	h
		x					h		x					1-4	y	i	t
			C				h			x		C		5-12	y	n	t
			x				h			x				3-5	w	n	h
x	x	C	C	x			h	x	C	C		C		2-5	y	n	t
						x	h							3-5		n	h
			x				h				x			4-5	w	n	h
			C				s			C		C	C	all	y	n	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
• **CAPRIFOLIACEAE**	• **HONEYSUCKLE FAMILY**
Lonicera subspicata	honeysuckle
Sambucus mexicana	blue elderberry
• **CARYOPHYLLACEAE**	• **PINK FAMILY**
Herniaria hirsuta ssp *cineria*	gray herniaria
Spergula arvensis ssp *arvensis*	stickwort
Spergularia atrosperma	sand spurrey
Spergularia marina	sand spurrey
Stellaria nitens	shining chickweed
• **CHENOPODIACEAE**	• **GOOSEFOOT FAMILY**
Allenrolfea occidentalis	iodine bush
Atriplex argentea	silverscale
Atriplex canescens	fourwing saltbush
Atriplex confertifolia	oval-leaf saltbush
Atriplex coronata	crownscale
Atriplex fruticulosa	ball saltbush
Atriplex lentiformis	big saltbush
Atriplex phyllostegia	arrowscale
Atriplex polycarpa	common saltbush
Atriplex rosea	tumbling oracle
Atriplex spinifera	spiny saltbush
*Atriplex vallicola**	Lost Hills crownscale
Chenopodium album	lamb's quarters
Chenopodium californicum	soap plant
Grayia spinosa	hop-sage

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
				x	x		v			x	x			3-8	y	n	h
				x	x		s			x				2-11	w	n	t
C									C					3-5		n	l
		x					h		x					4-9	w	i	c
x	x						h	x						all	w	i	c
x							h	x						4-5	w	n	h
x							h	x						3-9	w	n	t
			x				h					x		3-6		n	t
C							s	C						7		n	t
C	C	C					h	C	x					6-10		n	t
			x				s					x		7-10		n	h
			x				s				x			7-10		n	j
C	x						h	C						5-8		n	t
	x	C					p		C	x		x		4-11		n	t
			x				s			x				7-11		n	h
	x						h		x					4-8		n	k
	C		C				s		x	C		C		7-10		n	t
			x				h			x				7-10		i	t
x	C		C				s	C	C			C		4-6		n	t
x	x						h	x						5-9		n	t
		x					h		x					6-10		i	t
			x				p						x	3-4		n	t
			x				s						x	4		n	h

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Krascheninnikovia lanata (Ceratoides l.)	winterfat
Monolepis nuttalliana	poverty weed
Salsola tragus	tumbleweed, Russian thistle
Suaeda moquinii (S. fruticosa)	bush seepweed
• **CONVOLVULACEAE**	• **MORNING-GLORY FAMILY**
Convolvulus arvensis	bindweed
Cressa truxillensis	alkali weed
• **CRASSULACEAE**	• **STONECROP FAMILY**
Crassula connata	pygmy weed
Dudleya cymosa	
• **CUCURBITACEAE**	• **GOURD FAMILY**
Cucurbita foetidissima	calabazilla
Cucurbita palmata	coyote melon
Marah fabaceus	California man-root
• **CUSCUTACEAE**	• **DODDER FAMILY**
Cuscuta californica	dodder. parasite
• **ERICACEAE**	• **HEATH FAMILY**
Arctostaphylos glauca	bigberry manzanita
• **EUPHORBIACEAE**	• **SPURGE FAMILY**
Chamaesyce ocellata (Euphorbia o.)	prostrate spurge
Chamaesyce polycarpa	sand mat
Eremocarpus setigerus	turkey mullein

COMMUNITY							FORM	LOCATION						FLOWER		NAT	REF
SINK	SALT	GRAS	DES	JUN	OAK	SEEP		SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL		
			C	C			s			C		C	C	3-6		n	h
x							h	x						3-6		n	h
		C					h		C					7-10		i	t
C	x						s	C						7-10		n	t
		x					h		x					5-10	w	i	t
x	x						p	x						5-10	w	n	t
			x				h					x		2-5		n	c
			x				p			x				4-7	y	n	h
		x					v		x					6-8	y	n	h
		C	C	x			v		x	C			x	4-9	y	n	h
			C	C	x		v			C	x	x		1-6	w	n	h
			x				v			x				2-3	o	n	t
				x	x		s				x			11-3	w	n	t
		C					h	C	C	C		C		5-10		n	t
		x					p		x					all	w	n	t
	C	C	C	x			h	C	C	C		C		3-9	w	n	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
• **FABACEAE**	• **LEGUME FAMILY** (PEA FAMILY)
Astragalus asymmetricus	horse loco
Astragalus didymocarpus	two-seeded milkvetch
Astragalus lentiginosus v *nigricalycis*	freckled milkvetch
Astragalus macrodon	Salinas milkvetch uncommon
Astragalus oxyphysus	diablo loco
Lotus humistratus	hill lotus
Lotus salsuginosus	
Lotus scoparius	Calif. broom, deerweed
Lotus strigosus	
Lotus wrangelianus	calf lotus
Lupinus albifrons	silver bush lupine
Lupinus bicolor	miniature lupine
Lupinus microcarpus v *horizontalis*	chick lupine
Lupinus microcarpus v *microcarpus (L. ruber)*	chick lupine
Lupinus nanus	sky lupine
Lupinus succulentus	arroyo lupine
Medicago polymorpha	California burclover
Prosopis glandulosa v *torreyana*	mesquite
Trifolium albopurpureum	clover
Trifolium albopurpureum v *olivaceum (T. o.)*	clover
Trifolium depauperatum	depauperate clover
Trifolium gracilentum	pinpoint clover

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
			x				p						x	9-10	w	n	t
		x	x				h					x		3-6	w	n	t
		C	C	C			p		C	C		C		2-6	w	n	t
			x				p						x	4-6	w	n	h
	C	C	C	x			p		C	C		C		4-6	w	n	t
			x				h			x				2-7	y	n	t
			x				h						x	3-6	w	n	h
			x				s						x	3-11	y	n	t
							h					x				n	h
	x	C	C	x			h	x	C	C			C	3-6	y	n	t
			C	C			s			C		x		3-6	p	n	t
		x	x				h					x		3-5	b	n	t
	C	C	C	x			h		C	C		x		3-5	p	n	h
		x					h						x	3-6	p	n	t
		x					h					x		2-5	b	n	t
							h							2-5		n	m
		x					h			x				3-6	y	i	t
							s					x		4-6		n	l
		x					h			x				3-6	p	n	t
		x					h		x					3-6	p	n	s
	x	x					h	x						4-6	p	n	t
		x					h		x					3-6	p	n	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
• **FAGACEAE**	• **OAK FAMILY**
Quercus douglasii	blue oak
Quercus john-tuckeri (*Q. turbinella* ssp *calif.*)	Tucker's oak
• **FRANKENIACEAE**	• **FRANKENIA FAMILY**
Frankenia salina (*F. grandiflora campestris*)	alkali heath
• **GARRYACEAE**	• **SILK TASSEL FAMILY**
Garrya flavescens	silk tassel bush
• **GERANIACEAE**	• **GERANIUM FAMILY**
Erodium botrys	long-beaked filaree
Erodium cicutarium	red-stemmed filaree
Erodium macrophylum	round-leaved filaree
Erodium moschatum	filaree
• **GROSSULARIACEAE**	• **GOOSEBERRY FAMILY**
Ribes quercetorum	oak gooseberry
• **HYDROPHYLLACEAE**	• **WATERLEAF FAMILY**
Emmenanthe penduliflora	whispering bells
Nama californicum (Lemmonia c.)	purple mat
Nemophila menziesii	baby blue-eyes
Phacelia affinis	
Phacelia ciliata	valley phacelia
Phacelia cryptantha	sheltered phacelia
Phacelia distans	common phacelia
Phacelia douglasii	Douglas phacelia
Phacelia egena	rock phacelia

COMMUNITY							FORM	LOCATION						FLOWER		NAT	REF
SINK	SALT	GRAS	DES	JUN	OAK	SEEP		SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL		
			x	x	C		t				C	x		4-5		n	t
					x		t						x	5-6		n	t
C	C						s	C						5-11	p	n	t
					x		s				x			2-4		n	h
		x					h		x					3-5	p	i	c
C	C	C	C	C	C		h	C	C	C	C	C	C	2-5	p	i	t
		x					h		x					3-5	w	n	t
							h							2-5		i	s
			C				s			C				1-3	y	n	h
			x				h						x	3-8	w	n	t
							h				x					n	h
		C					h		C					2-5	b	n	t
							h				x					n	h
x	C	C	x				h	C	C	x		x		3-7	b	n	t
		x					h					x		4-6	b	n	h
		x					h					x		2-5	b	n	t
		x					h	x						3-6	b	n	t
				x			p			x				6-7	w	n	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Phacelia fremontii	Fremont's phacelia
Phacelia tanacetifolia	tansy phacelia
Pholistoma membranaceum	white fiesta flower
• **LAMIACEAE**	• **MINT FAMILY**
Marrubium vulgare	horehound
Mentha arvensis	mint
Monardella breweri	
Salvia carduacea	thistle sage
Salvia columbariae	chia
Salvia leucophylla	purple sage
Salvia mellifera	black sage
Trichostema lanceolatum	vinegar weed
*Trichostema ovatum**	San Joaquin bluecurls
• **LOASACEAE**	• **LOASA FAMILY**
Mentzelia affinis	blazing star
Mentzelia albicaulis	blazing star
Mentzelia dispersa	blazing star
Mentzelia gracilenta	blazing star
Mentzelia pectinata	San Joaquin blazing star
• **MALVACEAE**	• **MALLOW FAMILY**
Eremalche exilis	mallow
Eremalche parryi	Parry's mallow
Malva parviflora	cheeseweed
Malvella leprosa	alkali-mallow

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
		x	x				h					x		4-6	b	n	t
			C	x			h			C		x		3-5	b	n	t
			x				h					x		3-5	w	n	h
	x	C	C				p	x	C	C		x		3-9	w	i	t
						x	h							7-10	w	i	c
							h				x					n	h
		x	C	C			h			C		C		3-5	p	n	t
			C				h			C				3-6	b	n	t
			C	C			s			C	C			1-6	p	n	h
			x	x			s						x	1-7	w	n	h
x	C	C	C				h	x	C	C		C		4-10	b	n	t
		x	x				h		x					6-10	b	n	h
		C	C	x			h			C		C		3-6	y	n	t
			x				h				x			3-6	w	n	h
		x					h		x					5-7	y	n	t
					x		h				x			5-6	y	n	h
		x					h		x					4	o	n	t
			x				h						x	3-5	p	n	h
	x	C	C	x			h	x	x	C		C		3-6	p	n	t
		x					h		x					all	w	i	h
		x					h			x				5-10	w	n	c

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
• **MORACEAE**	• **MULBERRY FAMILY**
Maclura pomifera[ro]	osage orange
• **MYRTACEAE**	• **MYRTLE FAMILY**
Eucalyptus polyanthemos[ro]	silver dollar gum
Eucalyptus tereticornis[ro]	red gum
• **NYCTAGINACEAE**	• **FOUR O'CLOCK FAMILY**
Abronia pogonantha	Mojave sand verbena
Mirabilis californica	wishbone bush
Mirabilis multiflora	giant four o'clock
• **OLEACEAE**	• **OLIVE FAMILY**
Forestiera pubescens[ro]	desert olive
• **ONAGRACEAE**	• **EVENING PRIMROSE FAMILY**
Camissonia boothii ssp *decorticans*	shredding evening primrose
Camissonia campestris	Mojave sun cup
Camissonia contorta	sun cup
Camissonia palmeri	sun cup
Clarkia cylindrica	farewell to spring
Clarkia purpurea ssp *quadrivulnera*	four-spot
Epilobium canum ssp *canum* (*Zauschneria californica*)	California fuschia
Epilobium pygmaeum (*Boisduvalia glabella*)	
Oenothera deltoides	devil's lantern
• **PAEONIACEAE**	• **PEONY FAMILY**
Paeonia californica	California peony

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
							t									i	v
							t									i	v
							t									i	v
			x				h					x		5-6	p	n	h
			x				s					x		1-7	p	n	h
			x				s					x		6	p	n	h
							s							3-4		n	
			x				h					x		4-6	w	n	t
		C	C				h		x	C		C		4-7	y	n	t
			x				h					x		5-6	y	n	t
							h					x			y	n	h
		C	C	C			h			C		C		5-7	p	n	t
			x				h						x	4-6	p	n	t
			C	C			s			C				6-11	r	n	t
	x						h		x					5-8	p	n	h
							h			x				3-5	w	n	m
			x				h			x				1-3	r	n	c

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
• **PAPAVERACEAE**	• **POPPY FAMILY**
Eschscholzia californica	California poppy
Eschscholzia lemmonii	Lemmon's poppy
Platystemon californicus	cream cups
Stylomecon heterophylla	wind poppy
• **PLANTAGINACEAE**	• **PLAINTAIN FAMILY**
Plantago elongata (*P. bigelovii*)	plaintain
Plantago erecta	Indian wheat
Plantago ovata (*P. insularis*)	plaintain
• **POLEMONIACEAE**	• **PHLOC FAMILY**
Eriastrum densifolium ssp *austromontanum*	
Eriastrum densifolium ssp *elongatum*	mesa phlox
Eriastrum diffusum	
Eriastrum eremicum ssp *eremicum*	desert eriastrum
*Eriastrum hooveri**	Hoover's eriastrum. Listed threatened (U.S.)
Eriastrum pluriflorum	many-flowered eriastrum
Gilia austro-occidentalis	
Gilia brecciarum ssp *jacens*	
Gilia clivorum	
Gilia malior	
Gilia minor	common gilia
Gilia tricolor	bird's-eyes
Linanthus aureus ssp *decorus*	

COMMUNITY							FORM	LOCATION						FLOWER		NAT	REF
SINK	SALT	GRAS	DES	JUN	OAK	SEEP		SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL		
		C					h		C					2-7	o	n	t
		x					h					x		4-5	y	n	t
	x	C	C	C			h		C	C		C		2-6	wy	n	t
			x				h					x		3-6	o	n	t
	x						h	x						4-6		n	h
		C	C				h		x	C		x	x	3-5		n	t
			x				h					x		2-4		n	t
			x				p				x			6-8	b	n	h
			x				p						x	6-10	b	n	h
			x				h				x			3-5	b	n	h
		x					h		x					4-6	b	n	h
			x				h					x		3-6	w	n	h
	C		C				h	C		C		C	C	5-7	b	n	t
			x				h				x			3-6	p	n	h
							h					x				n	h
			x				h						x	3-5	y	n	t
			x				h						x	3-4	p	n	h
			x				h						x	3-4	p	n	t
		C	C	x			h			C		C	C	3-5	y	n	t
			x				h					x		3-7	w	n	k

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Linanthus bigelovii	Bigelow's linanthus
Linanthus dichotomus	evening snow
Linanthus liniflorus	flax-flowered linanthus
Linanthus parviflorus	
Loeseliastrum schotti (Langloisia s.)	
Navarretia atractyloides	holly-leaved navarretia
Navarretia jaredii (N. mitracarpa)	Paso Robles navarretia
Phlox gracilis (Microsteris g.)	slender phlox
• **POLYGONACEAE**	• **BUCKWHEAT FAMILY**
Chorizanthe angustifolia	spineflower
Chorizanthe membranacea	pink spineflower
Chorizanthe uniaristata	one-awned spineflower
Chorizanthe watsonii	Watson's spineflower
Chorizanthe xanti	Turk's rugging
Eriogonum angulosum	angled buckwheat
Eriogonum baileyi	Bailey's buckwheat
Eriogonum cithariforme	wild buckwheat
Eriogonum covilleanum	Coville's buckwheat
Eriogonum davidsonii	Davidson's buckwheat
Eriogonum elongatum v *elongatum*	long-stemmed buckwheat
Eriogonum fasciculatum v *polifolium*	California buckwheat
*Eriogonum gossypinum**	cottony buckwheat. uncommon
Eriogonum gracillimum	slender buckwheat
Eriogonum heermanii	Heerman's buckwheat

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
		x					h		x					3-5	w	n	h
		C	C	x			h			C		x		3-6	w	n	t
	x	C	C	C	x		h	x	C	C		C		5-7	w	n	t
			x				h						x	4-5	w	n	t
							h					x	x	3-6		n	h
			x				h			x				5-7	p	n	h
			x				h						x	5-6	b	n	t
C	C	C	C	x			h	C	C	C		C	C	3-6	p	n	t
			x				h							4-7	w	n	s
			x				h						x	5-6	p	n	t
			x				h						x	5-7	w	n	t
			x				h					x		5-6	y	n	h
					x		h						t	5-6	r	n	t
	x	C	C	C	C		h		C	C		C		5-7	w	n	t
			x				h				x			7-10	w	n	k
							h				x					n	h
			x				h				x			5	w	n	h
			x				h				x			6-9	w	n	k
		x	C	C	C		p			C		C	C	many	w	n	t
		x	C	C	C		s			C		C	C	4-10	p	n	t
			C				h			x		C		4-9	p	n	h
			x				h				x			7-10	p	n	h
				x			s				x			7-9	y	n	h

SCIENTIFIC NAME	COMMON NAME
Eriogonum inflatum	desert trumpet
Eriogonum maculatum	spotted buckwheat
Eriogonum nudum v *indictum*	naked-stemmed buckwheat
Eriogonum ordii	Ord's buckwheat
*Eriogonum temblorense**	temblor buckwheat
Eriogonum trichopes	yellow trumpet
Eriogonum viridescens	green buckwheat
*Hollisteria lanata**	hollisteria
Lastarriaea coriacea (*Chorizanthe c.*)	
Mucronea perfoliata (*Chorizanthe p.*)	perfoliate spineflower
Pterostegia drymarioides	fairy mist
Rumex crispus	curly dock
Rumex hymenosepalus	wild rhubarb
• **PORTULACACEAE**	• **PURSLANE FAMILY**
Calandrinia ciliata	red maids
Calyptridium monandrum	pussy paws
Claytonia gypsophiloides	
Claytonia perfoliata (*Montia p.*)	miner's lettuce
• **PRIMULACEAE**	• **PRIMROSE FAMILY**
Androsace elongata ssp *acuta*	rock jasmine
Dodecatheon clevelandii	shooting star
• **RANUNCULACEAE**	• **BUTTERCUP FAMILY**
Delphinium gypsophilum ssp *gypsophilum**	gypsum-loving larkspur. uncommon

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
		C	C	C	x		h	x	C	C		C		many	y	n	h
			x				h						x	5-11	p	n	t
			x				h			x				6-12	y	n	t
			x				h						x	5-10	p	n	h
			x				a					x		4-5	w	n	l
		C	C	C	x		h	C	x	C		C		6-8	y	n	h
			x				h						x	7-11	p	n	t
		C	C	x			h		x	C		C		4-6	y	n	h
			x				h						x	4-6		n	t
			x				h						x	5-7	p	n	t
			x				h					x		3-7	y	n	t
			x				p						x	all	y	i	t
			x				p					x		2-4	p	n	t
		C	C	x			h		x	C		x		2-5	r	n	t
		x					h			x						n	r
			x				h						x	3-5	p	n	t
			x				h						x	2-5	w	n	t
			x				h						x	3-5	w	n	h
			x				h			x				2-4	p	n	h
		x	x				p			x		x		4-5	w	n	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Delphinium parryi	Parry's larkspur
Delphinium patens ssp *hepaticoidium*	spreading larkspur
*Delphinium recurvatum**	valley or recurved larkspur. rare
Myosurus minimus	mousetail
• **ROSACEAE**	• **ROSE FAMILY**
Prunus fasciculata	desert almond
• **RUBIACEAE**	• **MADDER FAMILY**
Galium andrewsii	phlox-leaved bedstraw
• **SALICACEAE**	• **WILLOW FAMILY**
Populus fremontii ssp *fremontii*	Fremont cottonwood
Salix babylonica[ro]	weeping willow
Salix laevigata	red willow
• **SCROPHULARIACEAE**	• **FIGWORT FAMILY**
*Antirrhinum ovatum**	oval-leaved snapdragon. rare
Castilleja affinis	Indian paintbrush
Castilleja attenuata (*Orthocarpus a.*)	valley tassels
Castilleja brevistyla (O. b.)	owl's clover, Indian paintbrush
Castilleja densiflora (O. d.)	owl's clover, Indian paintbrush
Castilleja exserta (*O. purpurascens*)	purple owl's clover
Castilleja lineariloba (O. l.)	owl's clover
Castilleja plagiotoma	Mojave Indian paintbrush
Castilleja subinclusa ssp *subinclusa*	Indian paintbrush

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
			x				p			x				5-6	bp	n	t
							p				x					n	h
C	C						p	C						3-5	b	n	t
x							h	x						3-4	w	n	h
			x				s			x				3-5	w	n	c
					x		p			x			x	4-6	y	n	h
						x	t							3-4		n	t
							t									i	v
						x	t							2-5		n	t
			x				h				x			5-6	p	n	h
			x				h						x	1-10	r	n	t
			x				h						x	3-5	w	n	h
		x					h		x					3-5	p	n	h
		x					h		x					2-5	r	n	h
x	C	C	C	C	x		h	C	C	C		C	C	3-5	p	n	t
		x					h		x					4-6	y	n	k
			x				p				x			4	y	n	h
			x				p				x			4-6	r	n	h

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Collinsia bartsiifolia v *davidsonii*	Chinese houses
Cordylanthus rigidus	bird's beak
Mimulus guttatus	common monkeyflower
Penstemon centranthifolius	scarlet bugler
• **SIMAROUBACEAE**	• **SIMAROUBA FAMILY**
Ailanthus altissima[ro]	tree of heaven
• **SOLANACEAE**	• **NIGHTSHADE FAMILY**
Datura wrightii	jimson weed
Lycium andersonii	box thorn
Nicotiana glauca	tree tobacco
Nicotiana quadrivalvis	tobacco
Solanum umbelliferum	nightshade
• **TAMARICACEAE**	• **TAMARISK FAMILY**
Tamarix ramosissima	tamarisk
• **URTICACEAE**	• **NETTLE FAMILY**
Parietaria hespera (*P. floridana*)	pellitory
• **VERBENACEAE**	• **VERVAIN FAMILY**
Verbena lasiostachys	verbena
• **VISCACEAE**	• **MISTLETOE FAMILY**
Phoradendron densum (*P. bolleanum*)	dense mistletoe
Phoradendron juniperinum	juniper mistletoe
• **CYPERACEAE**	• **SEDGE FAMILY**
Carex douglasii	Douglas's sedge

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
			x				h						x	3-6	p	n	h
			x				h						x	8-9	y	n	t
						x	h							3-10	y	n	t
			x	C	x		h			x		x	x	2-7	r	n	t
							t									i	v
		C					h		x	C		x		3-9	w	n	t
			x				s					x		3-5	w	n	h
							p			x				4-9		i	l
			x				h				x			5-10	w	n	h
			x				p			x				3-9	p	n	h
	x						t	x						4-8	p	i	c
			x				h			x				3-6		n	h
						x	p							3-10	p	n	c
					x		s				x				w	n	h
				x			s				x				w	n	h
						x	p				x			4-9		n	h

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Eleocharis parishii	spikerush
Scirpus robustus	prairie bulrush
• **JUNCACEAE**	• **RUSH FAMILY**
Juncus balticus	Baltic rush
Juncus bufonius	toad rush
• **LILIACEAE** (AMARYLLIDACEAE)	• **LILY FAMILY**
Allium crispum	crinkled purple onion
Allium fimbriatum	wild onion
Allium howellii	Howell's onion
Allium lacunosum	pitted onion
Allium peninsulare	purple wild onion
Bloomeria crocea	common goldenstar
Calochortus clavatus ssp *pallidus*	yellow mariposa
Calochortus splendens	mariposa lily
Calochortus venustus	butterfly mariposa
Dichelostemma capitatum	blue dicks
*Fritillaria agrestis**	stinkbells
Fritillaria biflora	chocolate lily
Muilla maritima	
Yucca whipplei	our Lord's candle
• **POACEAE** (GRAMINEAE)	• **GRASS FAMILY**
Achnatherum speciosum	desert needlegrass
Avena barbata	slender wild oat
Avena fatua	wild oat

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
						x	p			x				4-10		n	c
						x	p						x	5-10		n	t
						x	p						x	4-9		n	t
						x	h							4-9		n	n
			x				p						x	4-5	p	n	t
			x				p							5-6	p	n	s
			x				p						x	5-6	w	n	t
		C	C	x			p			C		C		5-6	w	n	h
			x				p						x	4-6	r	n	h
							p				x					n	h
				x	x		p				x			4-7	y	n	h
			x				p				x			5-7	p	n	h
			x				p				x			4-7	p	n	h
	C	C	C				p		x	C		x		2-6	p	n	t
			x				p						x	3-4	n	n	h
			x				p			x				2-6	n	n	c
							p							3-6			n
			C	C	C		s			C		C	C	5-6	w	n	t
			x	x			p			x		x		5-7		n	t
	x	C	C	C			a		C	x		x		4-6		i	t
		x					a		x					3-6		i	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Bromus arenarius	Australian brome
Bromus diandrus	ripgut grass
Bromus hordeaceus (B. mollis)	soft chess
Bromus madritensis ssp *rubens (B. rubens)*	red brome
Bromus trinii	Chilean chess
Cynodon dactylon	bermuda grass
Deschampsia danthonioides	annual hairgrass
Distichlis spicata	salt grass
Elymus elymoides ssp *elymoides (Sitanion hystrix)*	squirreltail
Elymus glaucus	blue wildrye
Hordeum sp.	barley. many v as crops
Hordeum depressum	low barley
Hordeum murinum	barley
Hordeum murinum ssp *leporinum*	farmer's foxtail
Leymus triticoides (Elymus t.)	alkali wildrye
Melica imperfecta	small-flowered melic
Nasella cernua (Stipa c.)	nodding needlegrass
Nasella pulchra (Stipa p.)	purple needlegrass
Phalaris canariensis	reed grass
Poa annua	annual bluegrass
Poa bulbosa	bulbous bluegrass
Poa secunda ssp *secunda (P. scabrella)*	one-sided bluegrass
Polypogon monspeliensis	annual beard grass

COMMUNITY							FORM	LOCATION						FLOWER		NAT	REF
SINK	SALT	GRAS	DES	JUN	OAK	SEEP		SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL		
		x					a		x					4-7		i	k
		x					a			x				4-6		i	t
C	C	C	C	C	x		a	C	C	C	C	C	C	4-7		i	t
C	C	C	C	C	C		a	C	C	C	C	C	C	3-6		i	t
							a							3-5		i	t
		x					p		x					6-8		i	t
C	C						a	C						4-7		n	t
C	C	C	x	x			p	C	C	C		x		4-7		n	t
			x				p						x	7-8		n	t
			x				p						x	3-8		n	t
		x					a		x					4-6			t
	x						a		x					4-5		n	t
							a							4-6		i	n
C	C	C	C	x			a	C	C	C	C	C	C	4-6		i	t
	C		C	x			p	C		C				5-8		n	t
					x		p						x	3-7		n	t
		x	C	x	x		p			C		x	C	4-7		n	t
			x				p			x				3-5		n	k
							a							4-7		i	n
		x					a		x					1-7		i	t
		x					p			x				4-7		i	n
C	C	C	C	C	C		p	C	C	C	C	C	C	4-7		n	t
						x	a							4-8		i	t

Checklist of Plants

Carrizo Plain Natural Area

SCIENTIFIC NAME	COMMON NAME
Schismus arabicus	Mediterranean grass, Arabian sheepgrass
Schismus barbatus	Mediterranean grass
Sorghum bicolor	sorghum
Triticum sp.	wheat. many v as crops
Vulpia bromoides (Festuca dertonensis)	
Vulpia microstachys v *pauciflora* (*F. reflexa*)	few-flowered fescue
Vulpia myuros v *hirsuta* (*F. megalura*)	foxtail fescue
• **TYPHACEAE**	• **CATTAIL FAMILY**
Typha domingensis	southern cattail

COMMUNITY								LOCATION						FLOWER			
SINK	SALT	GRAS	DES	JUN	OAK	SEEP	FORM	SODA	CENT	WEST	MTN	ELK	TEMB	MO	COL	NAT	REF
C	C	C	C	C	x		a	C	C	C	C	C	C	3-5		i	t
			x				a				x			3-4		i	h
		x					a					x		5-8		i	c
		x					a		x					4-7		i	t
							a							4-6		i	w
x	C	C	C	C	x		a	x	C	C	C	C	C	4-6		n	h
x	C	C	C	C	x		a	x	C	C	C	C	C	4-6		i	t
						x	p							6-10		n	t

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